

Converting Colors

Hex(9E8200)

Have a look what the booklet for
Hex(9E8200) contains.

Hex(9E8200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9E8200)

Conversions

Conversions Part 1

Format	Color
Hex	9E8200
RGB	158, 130, 0
RGB Percent	62%, 51%, 0%
CMY	0.3804, 0.4902, 1.0000
CMYK	0.00, 0.18, 1.00, 0.38
HSL	49°, 100%, 31%
HSV	49°, 100%, 62%
XYZ	22.0832, 23.2344, 3.3208
YIQ	123.5520, 58.4180, -34.4940

Conversions

Conversions Part 2

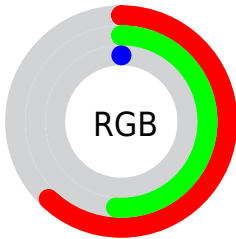
Format	Color
R _Y B	34, 158, 0
Decimal	10387968
CIE Lab	55.31, -0.00, 60.47
CIE LCh	55, 60.466, 90.002
Yxy	23.2344, 0.4540, 0.4777
Android (android.graphics.Color)	4288578048 (0xFF9E8200)
YUV	123.5520, -60.9111, 30.2109
Hunter-Lab	48.2020, -2.5759, 29.6568

Details

The Hex color **9E8200** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **001C9E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D9B744**, and **665100** is the 20% darker color. If you saturate the color by 10%, you get **9E8200**, and if you desaturate by 10%, it is **9E8510**.

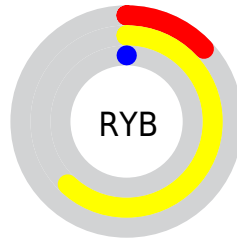
Distribution



Red (62%)

Green (51%)

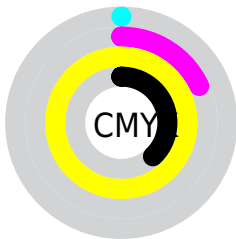
Blue (0%)



Red (13%)

Yellow (62%)

Blue (0%)

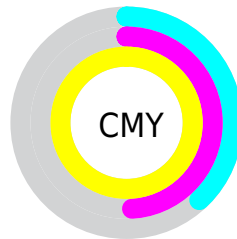


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E8200 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9E8200 by changing the saturation by 10% instead.

 9E8200

 9E8200

FFFFFF

 826900

 D9B744

 665100

 F7D25F

 4B3B00

 FFEE7A

 312500

 FFFF95

 181100

 FFFFB1

 000000

 FFFFCD

 FFFFEA

 9E8200

 9E8510

 9E8820

 9E8A2F

 9E8D3F

 9E904F

 9E935F

 9E966F

 9E987E

 9E9B8E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C66D26



9E8200



6A901D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9E8200



009CB8



C35EBA

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9E8200



001C9E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8376E0



9E8200



0097DF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9E8200



009D83



008BEE



E05087

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9E8200



39973C



008BEE



B266C9

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9E8200



CFC491



9E001D



696243



E8E8E8



696969

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9E8200



CFAA00



6C9E00



4F4E47



8F7500



0F0D00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



001C9E



0025CF



32009E



47494F



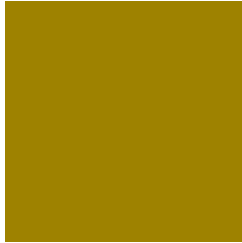
00198F



00030F

Previews

White Background



This preview shows how the Hex color 9E8200 looks on a white background.

Color Contrast Check

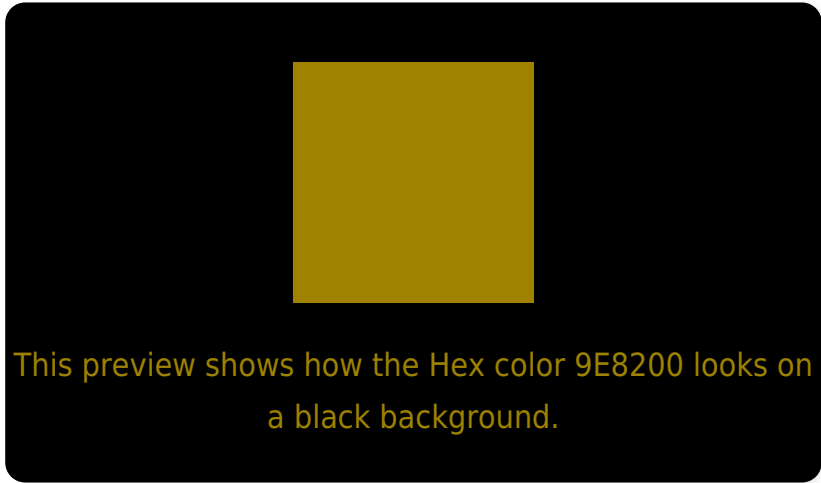
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9E8200 Background



This preview shows how black text looks on a background with the Hex color 9E8200.



This preview shows how white text looks on a background with the Hex color 9E8200.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
9E8200

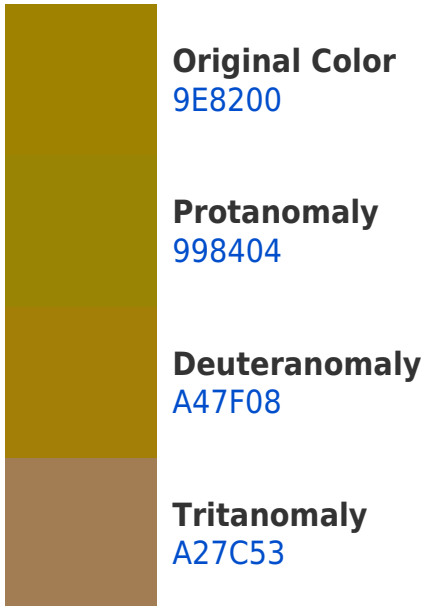
Protanopia
968506

Deuteranopia
A87E0D



Tritanopia
A57982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E8200 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9E8200 looks like.

```
.text, #text, p{  
    color:#9E8200  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9E8200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E8200
}
```

Border

The CSS property to change the border of an element to Hex 9E8200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E8200 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9E8200 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9E8200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E8200; -webkit-box-shadow:4px 4px  
4px 4px #9E8200; box-shadow:4px 4px 4px  
4px #9E8200 }
```

Background

The CSS property to change the background color of an element to Hex 9E8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E8200 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9E8200 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor